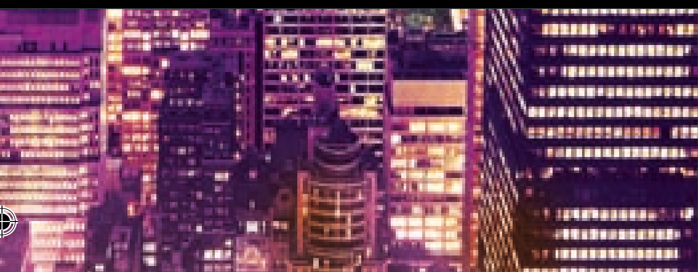


icecolor
1000
AYRTON
Light in action
www.ayrton.eu

# icecolor 1000

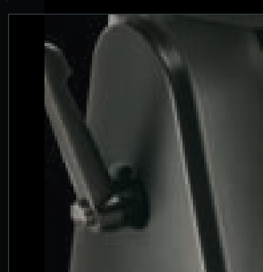
## **ICECOLOR 1000** LED STATIC LUMINAIRE

ICECOLOR 1000 is the ultimate model in the range, it has been designed for large spaces giving its overall flux in excess of 20,000 lm, unequalled on the market, and its native 11° optics, this luminaire is ideal for long-range environments. Fitted with optional 24° to 80° holographic filters, it can also take its place in close-range applications with a high coverage potential.



The ICECOLOR 1000 comes fitted with two 40 x 10 watt RGBW LEDs modules with separate controls for the eight LED matrix. The two modules can be filtered and the direction of each can be adjusted independently for greater flexibility of use. With an IP65 ingress protection, the ICECOLOR 1000 can be used indoors or outdoors and can be controlled remotely through its integrated wireless DMX receiver. Changing the town's colours has never been easier. From the more saturated tones to a huge selection of pastel colours, the 4.7 billion possible combinations offer an unequalled colour palette to meet the requirements of the most demanding projects.












## OPTICS
- High-efficiency PMMA secondary optics
- 85% optic efficiency
- Beam aperture: 11°
- Beam aperture can be modified using dedicated AYRTON optic Filters

## LIGHT SOURCE
- 80 Multi-chip High-Power LED source
- Light output: up to 20.000 lumen
- Rated Sources life: 25.000 hours
- Flicker free sources Management, convenient or TV applications and all video recorded events

## COLOURS
- Sophisticated 4 colours RGBW mixed, reaching high Colour Rendering Index
- Uniform light beam with no colour shadows, and rich saturated and pastel colour-hues
- 4,29 billion colours
- Virtual Color Wheel, including most usuals White Color Temperature Presets
- Dynamic Colour Macro Effect with variable speed

## FROST / DIFFUSION
- Optional VNSP (Very Narrow Spot 13°), NSP (Narrow Spot 24°), MFL (Medium Flood 33°), WFL (Wide Flood 42°), VWFL (Very Wide Flood 60°) or UWFL (Ultra Wide Flood 80°) Circular beam filters available
- Optional 33°x13°, 62°x16°, Horizontal or Vertical models Elliptic beam filters available

## DIMMER / STROBE
- Electronic dimmer, allowing perfect light adjustment from 0 to 100% without colour variation
- White or colour strobe effect, with speed adjustment from 1 to 25 flashes per second

## SOFTWARE FUNCTIONS
- Local DMX Addressing of the projector and its Optional Parameters through its built-in LCD panel control
- Remote DMX Addressing of the projector and its Optional Parameters through a standard RDM DMX controller
- Constant Color system, whatever the internal and external temperature conditions
- 2 Light Modes, optimized for Architectural or Entertainment applications
- Built-in Pattern Effects with Speed and Fade controls for Scenic applications
- Information Menu including Hour counter, Temperature, Software version

## CONTROL
- DMX 512 protocol, through DMX cable or Wireless system
- Stand-alone Mode and Master/Slave Modes
- DMX RDM compatible
- Integrated DMX Wireless receiver from WIRELESS SOLUTIONS
- Local control panel, with LCD display and 5 buttons
- DMX 512 Input / Output through waterproof lockable connectors
- Waterproof lockable connectors to XLR5 connectors DMX adapters (IN / OUT) included
- Choice of 9 DMX Modes (from 4 to 40 DMX channels)

## POWER SUPPLY
- Electronic supply with PFC active
- 110 to 240 Volts - 50/60Hz
- Power 800 Watt max
- Power supply input through waterproof lockable connector
- Adapter cable for waterproof lockable connector included

## COOLING SYSTEM
- Advanced Natural Convection system
- Permanent thermal regulation
- Safety protection against temperatures excesses

## CONSTRUCTION
- 2 adjustable light source blocks, which can be oriented separately, fixed on a large yoke
- IP65 protection index
- Large floor stand, with fixing facilities
- 4 large handles for transportation
- Glass covers in die-cast aluminium, Front glasses in Tempered glass
- Heatsinks in Aluminium and copper, satin finish
- Aluminium and Stainless steel yokes
- Side covers in ABS PC (V0 Class)
- External hardware screws in stainless steel (black finish)
- Exterior finish: black (Carbon)

## INSTALLATION
- 2 removable OMEGA 1/4 turn brackets (included)
- Several holes on the integrated floor stand, to fix the unit on the floor
- 4 rotating handles, to adjust the 2 source blocks without tool

## PARAMETERS FOR USE
- Operating positions: all (device on floor or fixed to a support)
- Maximum permitted ambient temperature (Ta max): 40°C (104°F)
- Minimum permitted ambient temperature authorised (Ta min): -5°C (23°F)
- Minimum usage distance: 0.2 m (8 inches)

## CONFORMITY
- EU (EMC) : EN 55015 (2006) - EN 55015 A2 (2009) - EN 61547 (2009) - EN 61000-3-2 (2006) - EN 61000-3-2 A2 (2009) - EN 61000-3-3 (2008)
- EU (LVD) : EN 60598-1 (2008) - EN 60598-2-17 (1989) - EN 60598-2-17 A2 (1991)

## SIZE
- Product: 888 x 625 x 300 mm (l x h x d)
- Flightcase: 970 x 870 x 550 mm (l x h x d)

## WEIGHT
- Product: 68 KG
- Product inside flightcase, including accessories: 120 KG

